

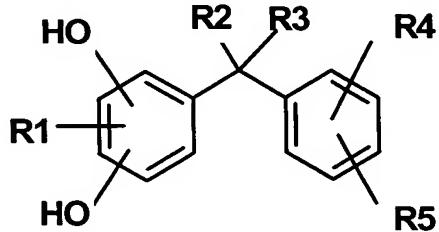
In the Application of:

KUHN et al.

Serial No.: New Application

IN THE CLAIMS:

1. (Currently Amended) Use of A tyrosinase inhibitor comprising a compound of the Formula 1 in an amount effective for skin lightening in humans, hair lightening in humans, combating age spots in human skin, or inhibiting browning in foods: or of a mixture of substances that contains one or more compounds of the Formula 1,



1

where:

R1 is [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, [-] OH or [-] halogen,

R2 is [-] hydrogen, [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, [-] OH or [-] halogen, ~~as tyrosinase inhibitor for skin and/or hair lightening, and/or for combating age spots and/or as browning inhibitor in the food industry.~~

2. (Currently Amended) Use of styrylresorcinol as A tyrosinase inhibitor comprising styrylresorcinol in an amount effective for lightening human skin and/or hair, lightening and/or for combating age spots in human skin, and/or as inhibiting browning inhibitor in the food industry in foods.

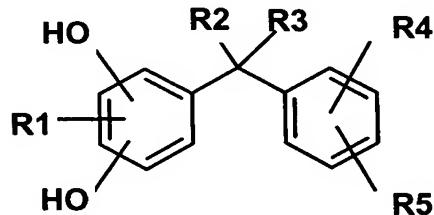
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3. (Currently Amended) Fragrance composition, comprising

- (a) a fragrance in an amount that has a sensory effect,
- (b) one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



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where:

R1 is [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, [-] OH or [-] halogen,

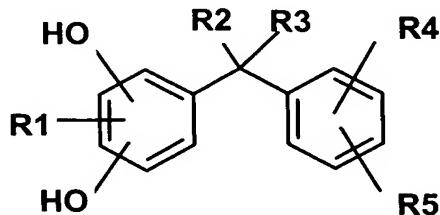
R2 is [-] hydrogen, [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, [-] OH or [-] halogen.

4. (Currently Amended) Cosmetic formulation, comprising

- one or more compounds for the care and/or cleansing of (a) skin and/or (b) hair and
- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



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KUHN et al.

Serial No.: New Application

1

where:

R1 is [[-]] hydrogen, [[-]] methyl, [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, [[-]] OH or [[-]] halogen,

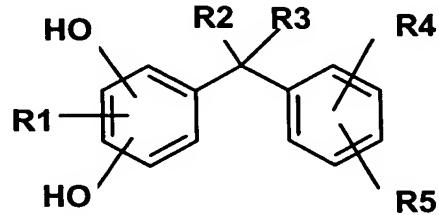
R2 is [[-]] hydrogen, [[-]] methyl or [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is [[-]] methyl or [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are [[-]] hydrogen, [[-]] methyl, [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, [[-]] OH or [[-]] halogen.

5. (Currently Amended) Sunscreen formulation, comprising

- an effective amount of a UV filter, so that the protection factor of the sunscreen formulation is [[>]] greater than 2, and
- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is [[-]] hydrogen, [[-]] methyl, [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, [[-]] OH or [[-]] halogen,

R2 is [[-]] hydrogen, [[-]] methyl or [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is [[-]] methyl or [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

In the Application of:

KUHN et al.

Serial No.: New Application

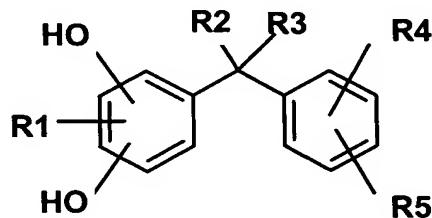
R4 and R5 independently of one another are [[-]] hydrogen, [[-]] methyl, [[-]] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, [[-]] OH or [[-]] halogen.

In the Application of:

KUHN et al.

Serial No.: New Application

6. (Currently Amended) ~~Use of Preparing an agent (a) against skin and hair browning, (b) for combating age spots and/or (c) for the inhibition of the undesired browning of foods by adding thereto a compound of the Formula 1 or of a mixture of substances that contains one or more compounds of the Formula 1,~~



1

where:

R1 is [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, [-] OH or [-] halogen,

R2 is [-] hydrogen, [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is [-] methyl or [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

- R4 and R5 independently of one another are [-] hydrogen, [-] methyl, [-] straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, [-] OH or [-] halogen. ~~for the preparation of an agent (a) against skin and hair browning, (b) for combating age spots and/or (c) for the inhibition of the undesired browning of foods.~~